

800NM Series Metering Flow Switches

Waterproof – inside and out!

NEMA4 package for reliable performance in rugged environments
Flow Rates from 0.05 to 50 GPM, 0.2 to 190 LPM
Accurately select from 16 trip points
Compact design – volume reduced by up to 50%
Calibrated 0 – 5 VDC output
Reliability underwritten by a 5-year warranty

It's a switch

Proteus 800NM Series flow switches measure and monitor liquid flow. You can accurately select from 16 trip points with an easily accessed switch. Trip points can be incremented in steps of 6% of the total flow range. Because you can set the flow switch set point yourself, you can maintain strict control over your flow parameters without additional instrumentation.

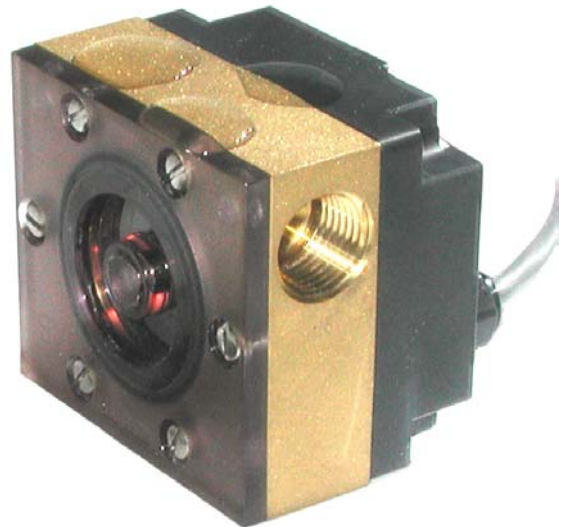
It's a meter

800 Series flow switches are calibrated to provide a 5VDC output at their maximum rated flows. This output is accurate to within $\pm 2\%$ of range, assuring you that your liquid flow is within your specification. The actual flow rate can be displayed on a digital voltmeter. Scaled digital display meters are available to provide direct flow readout in GPM or LPM.

It's a switch and a meter in a single unit

A flow switch combined with a metering function permits display of the flow rate while providing an accurate and predictable set of trip points. A three-color LED indicator that acts like a traffic signal shows actual flow status. When green, flow is more than 15% above your selected trip point. An amber light shows that flow is within 15% of your trip point. When flow falls below your trip point, a red light is displayed. As flow falls below your selected trip point, the built-in relay contacts open, indicating the alarm condition to your control system.

Even if your application doesn't require continuous feedback of the actual liquid flow rate, the calibrated output affirms that your process is being properly managed. Guess work is eliminated. And if control parameters do need to be changed you can make exact and repeatable changes as required.



O-ring sealed screw caps give access to the 16-step and fine trip adjustment switches.



Proteus Industries Inc.

340 Pioneer Way
Mountain View, CA 94041
(650) 964- 4163 Sales@Proteusind.com